**I can find the patterns in the hundreds chart**

|  |
| --- |
| **Lesson Plan Title**  I can find the patterns in the hundreds chart |
| **Lesson Summary**  Students will find the patterns in the hundreds chart |
| **Curriculum Outcomes**  N04-Students will be expected to represent and partition numbers up to 100  N05- Students will be expected to compare and order numbers up to 100 |
| **Assessment Of Learning or Assessment For Learning**  Observation, Conversation, Product  Observations   * Can students find the patterns in the hundreds chart?   Product   * Hundreds chart patterns sheet |
| **Communication/Vocabulary**   * Hundreds Pocket Chart * Numbers * Count * Twos * Fives * Tens * Zero * Hundreds Chart (see below) I would enlarge this with the photocopier. (you will need one copy per student with extras) |
| **Technology**   * iPads |
| **Materials**   * Hundreds Pocket chart * Hundreds Sheet (see below) * iPads (if necessary) |
| **Mental Mathematics**  Review counting forwards by 2’s, 5’s, and 10’s (to 100)  Review adding using the number 0 with numbers |
| **Development**  This lesson allows students to see the patterns in the hundreds chart  **Time to Teach**  Start the lesson by adding the number of the day to the hundreds pocket chart. You should be adding numbers from the first day of school on. This allows students to see how many days have past of school.  Review what a pattern is with students. For example: When we count by 2’s we are counting using a pattern.  Students should represent that number either on their white boards, or through the completion of number of the day activities at their desks.  **Time to Practice**  Students will then be given a hundreds chart asked to find the patterns in the hundreds chart. Hand each student a copy of the hundreds chart. They will then be asked to colour any patterns they notice. Set a timer for 10 minutes and ask students to work quietly and on their own during this time. I use the time timer.  http://www.timetimer.com/images/img_timer.jpg  This allows you time to circulate and make observations and decide who may need to be in a guided math group for practice. When students have found all of the patterns have them label them.  Ie: these numbers are counting by 5’s, or these numbers all end in 2.  **Time to Share**  Students should be expected to come together to share the patterns they notice. As they point out a pattern review it with the class to see if it makes sense. If students notice counting patterns have the class count using their charts OR the number line as an example.  My well used and loved hunderds chart- Missing 99 and 100 because it was so well used this year.  Thaw Space:ssrsb:Desktop:Weebly Website:Math Wall:Math Wall photos:IMG_0816.jpg  **Tech Integration**  There is an App called hands on math hundreds chart- however it costs $3.99 however it is a great App, especially for students who are struggling to find patterns as there are many shapes and colours they can use to show the patterns.  http://a2.mzstatic.com/us/r30/Purple7/v4/7e/2d/c5/7e2dc5a6-17d5-593a-ec4d-c4b598e6bfab/icon175x175.png  For more information: <https://itunes.apple.com/ca/app/hands-on-math-hundreds-chart/id466906485?mt=8>  They may also use PaperPort Notes- In this App you can take a picture of the worksheet and they can type or draw over. Save it and then print or e-mail their work.  http://a5.mzstatic.com/us/r30/Purple6/v4/9c/53/c5/9c53c54c-0481-dab6-3297-55b693599f7a/icon175x175.jpeg  For More Information: <http://www.paperportnotes.com/> |
| **Differentiation**   * Students who struggle finding the patterns would benefit from a guided math group would be appropriate * Enrichment ask students to show the patterns they have found through using number expressions (adding or subtracting) |

Thaw Space:ssrsb:Desktop:myhundredschart.pdf